

PROJECT SPECIFIC NOTES

1. Drives shall be constructed using:
- ASPHALT - RECYCLED ASPH CONC 12.5mm SUPERPAVE,(165 LB/SY)
RECYCLED ASPH CONC 19mm SUPERPAVE,(220 LB/SY)
(Commercial ONLY)
GRADED AGGREGATE BASE,6"
- CONCRETE- RESIDENTAL- DRIVEWAY CONCRETE, 6" THICK
COMMERCIAL - DRIVEWAY CONCRETE,8" THICK
2. A NOI is required for this project.
3. Remove all existing pipes and drainage structures shown unless labeled to retain in the plans.
4. R/W markers constructed flush with ground if located on driveways,lawns or adjacent to lawns.

ENVIRONMENTAL RESOURCES IMPACT TABLE

RESOURCE NAME / TYPE	LOCATION		SIDE	CONSTRUCTION ACTIVITY	PERMITTED ACTIVITY	CONTROLLING CRITERIA	SPECIAL PROVISION	COMMENTS INCLUDING ANY PERMIT EXPIRATION DATES
	BEGINNING STA	ENDING STA						
ELIGIBLE HISTORIC RESOURCE	STA 24+80	STA 25+78	RIGHT	DRIVEWAY RECONSTRUCTION	RECONSTRUCT 2 DRIVEWAYS WITHIN EASEMENT PROVIDED	SECTION 106 COMMITMENT	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION. CONTRACTOR SHALL RESTORE ALL AREAS WITHIN NATIONAL REGISTER BOUNDARY TO ITS ORIGINAL CONDITION.



Know what's below.
Call before you dig.

PIPE CULVERT MATERIAL ALTERNATES FOR PIEDMONT/BLUE RIDGE REGION										
TYPE OF PIPE INSTALLATION			C O N C R E T E	CORRUGATED STEEL AASHTO M-36		CORRU- GATED ALUMINUM AASHTO M-196	PLASTIC			
				ALUMINUM COATED (TYPE 2) CORR. STEEL	PLAIN ZINC COATED		PLAIN UNCOATED ALUMINUM	CORR. POLY- ETHYLENE AASHTO M-252	CORR.POLY- ETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304
S T O R M D R A I N	LONGITUDINAL INTERSTATE AND TRAVEL BEARING			X						
	LONGITUDINAL NON- INTERSTATE AND NON- TRAVEL BEARING			X	X		X		X	X
	C R O S S D R A I N	GRADE ≤ 10%	ADT < 250	X	X	X		X		X
			250 < ADT < 1500	X	X*		X		X	X
			1500 < ADT < 15000	X				X		X
			ADT > 1500	X						
	D R A I N	GRADE > 10%	ADT < 250		X	X		X		X
			ADT > 250			X		X		X
SIDE DRAIN			X	X	X		X		X	
PERMANENT SLOPE DRAIN				X	X		X		X	
PERFORATED UNDERDRAIN				X	X		X		X	

* THIS TYPE PIPE CAN BE USED IF THE ADDITION OF TYPE "B" COATING (AASHTO M-190, HALF BITUMINOUS COATED WITH PAVED INVERT) IS UTILIZED.

NOTES:

1. ALLOWABLE MATERIALS ARE INDICATED BY AN "X".

2. STRUCTURAL REQUIREMENTS OF STORM DRAIN PIPE WILL BE IN ACCORDANCE WITH GEORGIA STANDARD 1030-D OR 1030-P, WHICHEVER IS APPLICABLE, AND THE STANDARD SPECIFICATIONS.

3. GRADED AGGREGATE BACKFILL SHALL BE USED IN CROSS DRAIN APPLICATIONS FOR ALL PLASTIC PIPES (AASHTO M-294, HDPE PIPE, AASHTO M-304, PVC PIPE, ASTM F-949, PVC PIPE).

4. THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.

5. PIPE USED UNDER MECHANICALLY STABILIZED EARTH (MSE) WALLS, WITHIN MSE WALL BACKFILL, OR WITHIN FIVE FEET OF AN MSE WALL FACE SHALL BE CLASS V CONCRETE PIPE.

6. PROJECT SPECIFIC pH AND RESISTIVITY VALUES ARE USED TO DETERMINE ALLOWABLE PIPE MATERIALS.

OWNER	SERVICE
WINDSTREAM TELEPHONE	TELEPHONE
WINDSTREAM CABLE	CABLE TELEVISION
GEORGIA POWER	ELECTRICAL
CITY OF COMMERCE	GAS
CITY OF COMMERCE	WATER
CITY OF COMMERCE	SEWER